



Department of Public Works
Infrastructure Services Division

Jeffery J. Mantes
Commissioner of Public Works

Preston D. Cole
Director of Operations

Jeffrey S. Polenske
City Engineer

August 9, 2011

Subject: Official Notice No. 150
Installation of Photovoltaic Power System at the
Central Repair Garage
2142 West Canal Street
Milwaukee, Wisconsin
For which bid will be received on
Friday, August 12, 2011 at 10:30 AM

Addendum No. 1

Gentlemen:

- A. In regards to our advertisement for the Installation of Photovoltaic Power System at the Central Repair Garage, 2142 West Canal Street, Milwaukee, Wisconsin, this attached Addendum No. 1 is issued to modify the original documents and is hereby made part of the proposal.
- B. Each bidder shall read the entire addendum. Proposals shall include all items included in this Addendum No. 1.

Very truly yours,

PAUL R. FREDRICH
Facilities Manager
Facilities Development & Management Section



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Addendum No. 1

IMMEDIATELY UPON RECEIPT OF THE ADDENDUM, PLEASE SIGN THIS RECEIPT
AND FAX BACK TO ISD – FACILITIES DEVELOPMENT AND MANAGEMENT
SECTION AT (414) 286-5907.

Company Name

Name

Date

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Specification 26 31 00

- 1) 1.04 A Change to 5 year Warranty
- 2) 2.01 A.3 Delete the word "Premium"
- 3) 2.02 B.2 Change 30 years to 25 years
- 4) 2.02 C.1 Change wattage to 245 with output +/- 3% and delete items 2 and 3
- 5) 2.03 A.5 Delete the text "field replacement of Diodes"
- 6) 2.03 A.7.c Delete the word "Premium"
- 7) 2.04 A.7 Delete 13 KW and change text to state "the combined rating of the Inverters shall be greater than or equal to the combined output of the array"
- 8) 2.05 Add paragraph E: "The collector array shall be either a manufactured system or a contractor built system. For the contractor built system, the contractor shall provide the structural calculations that prove that the system is capable of supporting the array with predicted wind and snow loads."
- 9) 3.03 C Change the words "Electrical Engineer" to "Technician".

Drawings

- 1) Sheet E100
 - a. One Line: Delete the text "3# 10 & #10 ground" and add the words "WIRING SIZED AS REQUIRED BY CODE".
 - b. Change "5 strings of 9 collectors" to "COLLECTOR STRINGS".
 - c. Where the circuit breakers are shown, add the text "NEW CIRCUIT BREAKERS IN EXISTING PANELBOARD BY ELECTRICAL CONTRACTOR".
- 2) Sheet E101
 - a. Detail A/E101, delete the words "fabricated by contractor"
 - b. On the partial first floor plan where conduit, denoted by plan note 2, comes through wall to canopy mounted collectors, add the following note "EC TO DETERMINE BEST LOCATION FOR WALL PENETRATION"
 - c. On the partial second floor plan, the 8' clear space in the compressor room is for INVERTERS AND DISCONNECTS (delete the work COMBINERS)

General Notes, Clarifications

- 1) The pitch or slope of the array is noted on the drawing E101. Roof mounted - 25 Degrees. Sidewall/Canopy – 43 Degrees.
- 2) Installer(s) shall be NABCEP certified installer working on (and signing off on) the project. Contractor may hire someone specifically for this job, but they need to already have been NABCEP certified by the time of the bid.
- 3) All products shall be FOCUS ON ENERGY APPROVED EQUIPMENT. Certified Modules and Inverters: Solar electric modules and inverters must be on California Energy Commission's list (www.gosolarcalifornia.ca.gov/equipment/index.html) of eligible equipment.
- 4) Provide all paper work required by WE energies and Focus on Energy for grant.
- 5) Provide WE energies coordination and connection information as required and complete all paperwork.
- 6) Contractor shall obtain 'no fee' electrical permit from the City of Milwaukee Development Center. A copy shall be provided to DPW - FACILITIES DEVELOPMENT AND MANAGEMENT SECTION.